



North Dakota

FARM REPORTER

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**World Agricultural Supply
& Demand Estimates**

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CROP PRODUCTION

North Dakota All sunflower (oil & non-oil) production forecast for 2004 is set at 1.11 billion pounds, down 27 percent when compared to last year. Based on conditions as of October 1, the average yield for all sunflower is forecast at 1,300 pounds per harvested acre, down from 1,304 pounds last year. It is estimated that 855,000 acres will be harvested, down 310,000 acres from last year.

Canola production forecast for the season is set at 1.15 billion pounds, down from 1.35 billion pounds in 2003. Average yield is forecast at 1,530 pounds per acre, up 120 pounds compared to last year. Acres for harvest, at 750,000, were down 22 percent from last year.

Dry edible bean production is forecast at 5.39 million hundredweight (cwt), 31 percent below last year. Yield is estimated at 1,100 pounds per acre, down from 1,450 pounds in August and 1,500 pounds in 2003. Acreage to be harvested is forecast at 490,000 acres, down 30,000 acres from last year.

Crop Summary: Area Planted and Harvested
North Dakota and United States, 2003 and Forecasted October 1, 2004 ^{1/}

Crop	North Dakota				United States			
	Area Planted		Area Harvested		Area Planted		Area Harvested	
	2003	2004	2003	2004	2003	2004	2003	2004
	1,000 Acres		1,000 Acres		1,000 Acres		1,000 Acres	
Barley	2,050	1,600	1,980	1,490	5,348	4,527	4,727	4,031
Corn for Grain ^{2/}	1,450	1,800	1,170	1,500	78,736	80,968	71,139	73,311
Corn for Silage			220				6,528	
Hay, All			2,950	2,600			63,342	61,589
Alfalfa			1,600	1,300			23,578	22,226
All Other			1,350	1,300			39,764	39,363
Oats	620	490	360	225	4,597	4,085	2,220	1,807
Rye	18	25	15	20	1,348	1,380	319	320
Wheat, All	8,630	8,195	8,500	7,905	62,141	59,674	53,063	50,204
Winter	130	245	120	225	45,384	43,350	36,753	34,462
Durum	2,000	1,750	1,980	1,680	2,915	2,561	2,869	2,448
Other Spring	6,500	6,200	6,400	6,000	13,842	13,763	13,441	13,294
Canola	970	780	960	750	1,082	868	1,068	832
Flaxseed	560	600	550	580	595	629	583	608
Mustard Seed ^{3/}					110.0	68.5	107.0	65.9
Rapeseed ^{3/}					1.3	11.8	1.2	11.4
Safflower ^{3/}					221	142	212	133
Soybeans	3,150	3,750	3,050	3,670	73,404	75,065	72,476	73,990
Sunflower, All	1,210	880	1,165	855	2,344	1,864	2,197	1,780
Oil	1,060	720	1,020	700	1,998	1,520	1,874	1,456
Non-oil	150	160	145	155	346	344	323	324
Sugarbeets	259	262	255	256	1,365.4	1,349.8	1,347.9	1,326.0
Dry Edible Beans, All	540.0	560.0	520.0	490.0	1,406.1	1,373.4	1,346.9	1,250.1
Dry Edible Peas	160	280	155	265	337.5	480.0	328.5	454.0
Lentils	55	90	54	88	246.0	300.0	237.0	293.0
Fall Potatoes, All	117.0	95.0	112.0	91.0	1,106.0	1,037.8	1,090.9	1,022.8
Irrigated ^{4/ 5/}	37.5		37.0					
Types, Reds ^{5/}	23.5	16.5	21.5					
Whites ^{5/}	45.5	37.0	43.5					
Russets ^{5/}	48.0	41.5	47.0					

^{1/} Data are latest estimates available. ^{2/} Area planted for all purposes. ^{3/} Published at U.S. level only. ^{4/} Included in all potatoes. ^{5/} Published at state level only.

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CROP PRODUCTION (Continued)

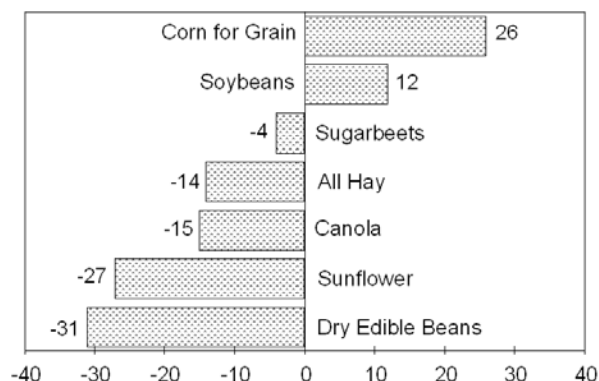
United States

Sunflower production forecast is 2.40 billion pounds, down 10 percent from 2003. The yield forecast, at 1,346 pounds, is 133 pounds more than the 2003 yield. Farmers expect to harvest 1.78 million acres, down 19 percent from the 2003 acreage.

Canola production forecast is 1.26 billion pounds, down 17 percent from 2003. The yield forecast, at 1,517 pounds per acre, is 101 pounds above last year. Farmers expect to harvest 832,000 acres, down 22 percent from 2003.

Dry edible bean production is forecast at 18.7 million cwt for 2004, down 12 percent from the August forecast and 17 percent below last year. The average yield is forecast at 1,495 pounds per acre, a decrease of 144 pounds from the August forecast and 177 pounds below last year. Harvested acreage is forecast at 1.25 million acres, down 7 percent from last year.

**2004 Production Forecast
Percent Change from 2003
North Dakota, October 1, 2004**



**Crop Summary: Yield and Production
North Dakota and United States, 2003 and Forecasted October 1, 2004 ^{1/}**

Crop	Unit	North Dakota					United States				
		Yield ^{2/}			Production		Yield ^{2/}			Production	
		2003	2004		2003	2004	2003	2004		2003	2004
			Sep 1	Oct 1				Sep 1	Oct 1		
					--- 1,000 ---					--- 1,000 ---	
Barley ^{3/}	Bu	60.0		62.0	118,800	92,380	58.9		69.5	278,283	280,103
Corn for Grain	Bu	112.0	105.0	110.0	131,040	165,000	142.2	149.4	158.4	10,113,887	11,613,226
Corn for Silage	Tons	6.8			1,496		16.2			105,864	
Hay, All ^{4/}	Tons	1.56	1.40	1.53	4,598	3,965	2.48	2.63	2.69	157,123	165,920
Alfalfa ^{4/}	Tons	1.65	1.50	1.60	2,640	2,080	3.24	3.48	3.48	76,307	77,371
All Other ^{4/}	Tons	1.45	1.40	1.45	1,958	1,885	2.03	2.15	2.25	80,816	88,549
Oats ^{3/}	Bu	59.0		62.0	21,240	13,950	65.0		64.5	144,383	116,505
Rye ^{3/}	Bu	50.0		39.0	750	780	27.1		26.9	8,634	8,615
Wheat, All ^{3/}	Bu	37.3		39.2	317,090	309,660	44.2		43.1	2,344,760	2,163,520
Winter ^{3/}	Bu	49.0		44.0	5,880	9,900	46.7		43.5	1,716,721	1,499,434
Durum ^{3/}	Bu	29.5		32.0	58,410	53,760	33.7		37.0	96,637	90,468
Other Spring ^{3/}	Bu	39.5		41.0	252,800	246,000	39.5		43.1	531,402	573,618
Canola	Lbs	1,410		1,530	1,353,600	1,147,500	1,416		1,517	1,512,250	1,261,820
Flaxseed	Bu	18.0			9,900		17.9			10,426	
Mustard Seed ^{5/}	Lbs						723			77,372	
Rapeseed ^{5/}	Lbs						949			1,139	
Safflower ^{5/}	Lbs						1,286			272,555	
Soybeans ^{6/}	Bu	29.0	26.0	27.0	88,450	99,090	33.9	38.5	42.0	2,453,665	3,106,861
Sunflower, All ^{6/}	Lbs	1,304		1,300	1,518,850	1,111,500	1,213		1,346	2,665,226	2,395,199
Oil ^{6/}	Lbs	1,300			1,326,000		1,206			2,259,666	
Non-oil ^{6/}	Lbs	1,330			192,850		1,256			405,560	
Sugarbeets	Tons	20.4	19.5	19.5	5,202	4,992	22.7	21.5	21.7	30,583	28,840
Dry Edible Beans, All ^{4/ 7/}	Cwt	1,500	1,450	1,100	7,800	5,390	1,672	1,639	1,495	22,515	18,693
Dry Edible Peas ^{7/}	Cwt	1,770			2,744		1,584			5,202	
Lentils ^{7/}	Cwt	1,170			632		1,030			2,442	
Fall Potatoes, All	Cwt	245			27,440		376			410,588	
Irrigated ^{8/ 9/}	Cwt	363			13,415						
Types, Reds ^{9/}	Cwt	160			3,440						
Whites ^{9/}	Cwt	191			8,305						
Russets ^{9/}	Cwt	334			15,695						

^{1/} Data are latest estimates available. ^{2/} Yield per harvested acre. ^{3/} Estimates carried forward from September Small Grains 2004 Summary. ^{4/} No forecast made September 1, estimates carried forward from August 1. ^{5/} Published at U.S. level only. ^{6/} 2003 data reflects revisions for soybeans and sunflowers. ^{7/} Yield in pounds. ^{8/} Included in all potatoes. ^{9/} Published at state level only.

Wheat: Projected U.S. 2004/05 ending stocks of wheat are lowered 9 million bushels from last month as a 41 million bushel increase in production (reported in the Small Grains Summary) is more than offset by 25 million bushel increases in both exports and in feed and residual use. Feed and residual use is raised based on larger than expected use in the first quarter implied by September 1 grains stocks. The projected price range is raised 10 cents on the lower end to \$3.10 to \$3.50 per bushel because of the smaller stocks, larger exports, and higher than expected prices during the past month.

Projected 2004/05 global wheat production and use are up but stocks are lower than last month. Global wheat production is raised 5.2 million tons and now stands at a record 616 million tons, 64 million tons more than last year, and the largest year to year increase in over 45 years. Foreign production is up 4 million tons from last month and is 69 million tons above last year. The EU-25 crop is raised 2.6 million tons this month, with smaller increases forecast for the United States (up 1.1 million tons), Brazil and Turkey (each up 0.5 million tons), and several other countries. Global consumption is raised by nearly 5 million tons from last month due in part to larger feed use in the United States, the EU-25, and Canada. In addition, food use is raised nearly 3 million tons, with India's food use boosted 2 million tons because of lower production of other grains. Global imports are nearly unchanged from last month. However, exports from the United States and the EU-25 are higher while Canada's are lower. Brazil's imports are lower by 0.5 million tons. Relative to last month, projected global ending stocks are down about 1 million tons because beginning stocks are lowered 1.4 million tons and the increase in global production is largely offset by greater consumption.

Coarse Grains: Once again, this month's outlook for 2004/05 U.S. feed grains is for a record total crop, higher use, and larger stocks. Forecast 2004 corn production is a record 11.613 billion bushels, up 652 million bushels from last month. Due to a reduction in planted and harvested area, 2004 grain sorghum production is down 10 million bushels. Barley production is up 7 million bushels and the oat crop is lowered 11 million bushels based on the Small Grains Summary. Projected feed and residual use of corn is up 200 million bushels from last month. However, exports are 25 million bushels lower due to the slow pace of export sales to date and increased competition from feed quality wheat. No change is made to forecast industrial use of corn. Relative to last month, projected ending stocks of corn are up 482 million bushels but grain sorghum stocks are down 22 million bushels. Barley stocks and oats stocks are also lower.

The projected corn price range is down 25 cents on each end from last month to \$1.75 to \$2.15 per bushel. The price range for grain sorghum is down 20 cents to \$1.70 to \$2.10 per bushel. The price range for barley is narrowed 5 cents on each end to \$2.30 to \$2.60 per bushel and the price range for oats is narrowed 5 cents on each end to \$1.30 to \$1.50 per bushel.

Global 2004/05 coarse grain supply, use, and stocks projections are up from last month. Global production is

raised to a record 977 million tons, up 18 million tons from last month and 8 percent larger than 2003/04. Relative to last month, larger crops are projected for the United States, Romania (up 2.1 million tons), China (up 2 million tons), and the EU-25 (up 1.3 million tons). Crop reductions are noted for India (down 2.1 million tons), Brazil (down 0.5 million tons), and Canada (down 0.4 million). In addition, changes are made in a number of African countries with the net result that production is nearly 1 million tons lower. Global trade is down slightly from last month. Smaller exports are projected for the United States, Australia, and Canada but larger exports are projected for the EU-25. Reduced imports are projected for South Korea, South Africa, and Canada. Global coarse grain stocks are raised 12 million tons from last month and are up 48 million tons from last year. Ending stocks are raised for the United States with smaller increases projected for the EU-25, Canada, and other countries. China's corn stocks increase fractionally, as larger domestic non-feed use and slightly smaller beginning stocks largely offset the increase in the crop.

Oilseeds: U.S. oilseed ending stocks for 2004/05 are projected at 12.2 million tons, up 5.9 million tons from last month and up 8.0 million tons from revised 2003/04 ending stocks. U.S. total oilseed production is projected at 95.2 million tons, up 7.5 million tons from last month. Soybean production is forecast at a record 3.107 billion bushels, up 271 million bushels from last month based on a record yield and higher harvested area. At 42.0 bushels per acre, the 2004 yield forecast exceeds the previous record of 41.4 bushels per acre set in 1994. Projected soybean exports are increased 25 million bushels due to reduced South American supplies and to more competitive U.S. prices. Soybean crush is raised 30 million bushels as domestic meal use and export prospects improve. Soybean ending stocks are projected at 405 million bushels, which would be the highest level since 1986/87.

The U.S. season average soybean price for 2004/05 is projected at \$4.70 to \$5.50 per bushel, down from \$5.35 to \$6.25 last month. Soybean meal prices are projected at \$150 to \$180 per short ton, down \$20 on both ends of the range from last month and down from \$256.05 per short ton last year. Soybean oil prices are projected at 21.5 to 24.5 cents per pound, down 2 cents per pound on both ends of the range, and sharply below 29.97 cents per pound for 2003/04.

Global oilseed production for 2004/05 is projected at a record 385.9 million tons, up 5.3 million tons from last month as increased U.S. production more than offsets lower foreign output. Foreign oilseed production is reduced 2.2 million tons, primarily due to lower soybean and sunflower seed production. The Brazilian soybean crop is projected at 64.5 million tons, down 1.5 million tons from last month as lower prices and higher input costs trim projected area expansion. Sunflower seed production is reduced for Argentina based on lower planted area. Sunflower seed production is also reduced for Ukraine, reflecting lower than expected yields. Other changes include higher cottonseed production for India and reduced rapeseed production for Canada.

MILK PRODUCTION

Milk Production July - September Quarter					
State	Milk Cows ^{1/}		Milk Production ^{2/}		Change from 2003
	2003	2004	2003	2004	
	-- 1,000 Head --		-- Million Pounds --		Percent
North Dakota	35	34	137	134	-2.2
California	1,693	1,733	8,768	9,124	4.1
Minnesota	472	465	1,995	1,984	-0.6
New York	671	655	2,965	2,907	-2.0
Wisconsin	1,254	1,240	5,568	5,504	-1.1
United States	9,073	9,033	41,746	42,194	1.1

1/ Includes dry cows, excludes heifers not yet fresh. 2/ Excludes milk sucked by calves.

North Dakota Milk production for the July-September quarter was estimated at 134 million pounds, down 2 percent from the same period last year. The average number of milk cows during the quarter totaled 34,000 head, a decrease of 1,000 head from the same period last year but equal to the previous April-June quarter. Milk produced per cow during the July-September quarter was 3,950 pounds, up from 3,910 pounds a year earlier but down from 4,000 pounds during the April-June quarter.

United States Milk production in the U.S. during the July-September quarter totaled 42.2 billion pounds, up 1.1 percent from the July-September quarter last year. The average number of milk cows in the U.S. during the quarter was 9.03 million head, 40,000 head less than the same period last year.



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